

# The Commonwealth of Massachusetts Department of State Police 305 South Street, Jamaica Plain, MA 02130 617-983-6622

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

MARY ELIZABETH HEFFERNAN

COLONEL TIMOTHY P. ALBEN SUPERINTENDENT

08/27/12

Jessica Hanley Assistant District Attorney, Bristol County

Ms. Hanley,

Enclosed is the information you requested. Included are copies of the following:

- 1. Drug Analysis Laboratory Receipt.
- 2. Analysis sheet with chemist's hand notations and test results.
- 3. GC/MS analytical data for sample #

If you have any questions about these materials, please call me at the number below.

Chemist II

Drug Analysis Lab (617) 983-6632

Excellence In Service Through Quality Policing

#### PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

## The Commonwealth of Massachusetts Executive Office of Health and Human Services

Department of Public Health State Laboratory Institute

Boston Drug Laboratory Tel (617) 983-6622 Fax (617) 983-6625 Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

Boston Hours

8:00 - 11:002:00 - 4:00 DRUG RECEIPT

Amherst Hours

9:00-12:00

1:00 - 3:00

| City or Department: New Bedford                              | Police Reference No.:                                       |
|--|---|
| Name and Rank of Submitting Officer: De                      | t Kelly A Almeida   |
| Defendant(s) Name (last, first, initial):                    |   |
|  |   |
| 11-17-10   | 10-3966-AR/10-3967-AR                                       |
| To be completed by Submitter  Description of Items Submitted | To be completed by Lab Personne.<br>Gross Weight Lab Number |
| 10-PB Veg (10-4069-PR)                                       | 75,419  |
| 1-PB Veg (10-4070-PR)  | 3.16  |
| 7-PB Subs (10-4068-PR)                                       | 25.58   |
| (cos) philos   |   |
|  |   |
|  |   |
|  |   |
|  |   |
| Received by:   | Date: /2-2-/C   |

## DRUG POWDER ANALYSIS FORM

| SAMPLE#                                | AGENCY Wew Bechou ANALYST ASO |
|--|-------------------------------|
| No. of samples tested:                 | Evidence Wt.                  |
| PHYSICAL DESCRIPTION:                  | Gross Wt( つ): <u> </u>        |
| off while of                           | un enserne Gross Wt ( ):      |
|  | 7 7 852 Pkg. Wt:              |
|  | Net Wt:                       |
|  |                               |
|  |                               |
|  |                               |
|  |                               |
| •                                      |                               |
|  |                               |
|  |                               |
| PRELIMINARY TESTS Spot Tests           | Microcrystalline Tests        |
| Cobalt                                 | Gold                          |
| Thiocyanate (-) +                      | Chloride +                    |
| 7 Marquis                              | 7 TLTA ( 7 ->-                |
| ↑ Froehde's                            | OTHER TESTS                   |
| 7 Mecke's                              |                               |
| ************************************** |                               |
|  |                               |
|  |                               |
| PRELIMINARY TEST RESULTS               | GC/MS CONFIRMATORY TEST       |
| RESULTS cocare                         | RESULTS                       |
| DATE 12-21-10                          | MS OPERATOR                   |
|  | DATE                          |

## # samples tested:

| #  | Gross<br>Welght | Packet Weight  | Net<br>Weight  | #  | Gross<br>Weight                         | Packet Weight | Net<br>Welght  |
|----|-----------------|--|--|----|---|---------------|--|
| 1  | 3.6337          |  | 3.4174   | 26 |   |               |  |
| 2  | 3.7292          |  | 3.4799   | 27 | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |               |  |
| 3  | 3-7167          |  | 3,4730   | 28 |   |               | WA************************************   |
| 4  | 3-6331          |  | 3-3972   | 29 |   |               |  |
| 5  | 3.6981          | - ALCOHOLOGICA - ALCO | 3.4820   | 30 |   |               | Manuscript and the second seco |
| 6  | 2-2454          |  | 1.6238   | 31 |   |               |  |
| 7  | 0.2311          |  | D, 1885  | 32 |   |               |  |
| 8  |                 | ·  |  | 33 |   |               |  |
| 9  |                 | • .  |  | 34 |   |               |  |
| 10 | 14,.            |  | · · · · · · · · · · · · · · · · · · ·  | 35 |   |               | ······································   |
| 11 |                 |  |  | 36 | <u></u>                                 |               |  |
| 12 |                 | mannananananan (A.) Walio (A.) Walio (A.)  |  | 37 |   |               |  |
| 13 |                 |  |  | 38 | M                                       |               | MM   |
| 14 |                 |  |  | 39 |   |               |  |
| 15 |                 | nn - Inchil  |  | 40 | <u> </u>                                |               | ···  |
| 16 |                 |  |  | 41 | <u> </u>                                |               |  |
| 17 |                 |  |  | 42 |   | · ·           |  |
| 18 |                 |  |  | 43 |   |               |  |
| 19 | - aut. March    |  | The state of the s | 44 |   |               |  |
| 20 |                 | ·  |  | 45 |   |               |  |
| 21 |                 |  |  | 46 |   |               |  |
| 22 |                 |  |  | 47 | - wasenenne                             |               | ****   |
| 23 |                 |  |  | 48 |   |               |  |
| 24 |                 | 20000000000000000000000000000000000000   | Account of the second s | 49 |   |               |  |
| 25 |                 |  |  | 50 |   |               |  |

Calculations:

Detw= 19.0622

### Area Percent / Library Search Report

VKAC 8/27/12

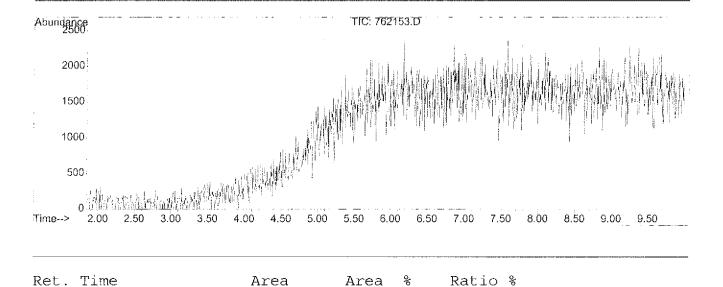
Information from Data File:

File Name :  $F:\Q4-2010\SYSTEM4\12\_21\_10\762153.D$ 

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 1:17

Sample Name : BLANK Submitted by : ASD Vial Number : 2 AcquisitionMeth: DRUGS Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

File Name :  $F: \Q4-2010\SYSTEM4\12\_21\_10\762154.D$ 

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 1:31

Sample Name : COCAINE STD Submitted by : ASD Vial Number : 54 AcquisitionMeth: DRUGS Integrator : RTE

| Abundance            | TIC: 762154;D                                |                   |    |
|----------------------|--|-------------------|----|
| 1500000              |  |                   |    |
| 1000000              | CT   |                   | :  |
| 500000:              |  |                   |    |
|                      |  |                   |    |
| Time> 2.00 2.50 3.00 | 3.50 4.00 4.50 5.00 5.50 6.00 6.50 7.00 7.50 | 8.00 8.50 9.00 9. | 50 |

| Ret. Time | Area    | Area % | Ratio % |
|-----------|---------|--------|---------|
| 4.726     | 1830218 | 100.00 | 100.00  |

Submitted by : ASD
Vial Number : 54
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90

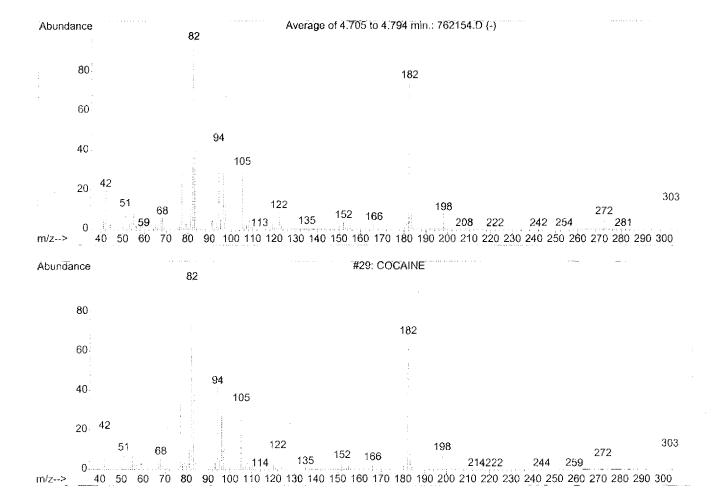
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90

C:\DATABASE\NIST98.L

PK# RT Library/ID CAS# Qual

1 4.73 C:\DATABASE\SLI.L

COCAINE 000050-36-2 99



762154.D

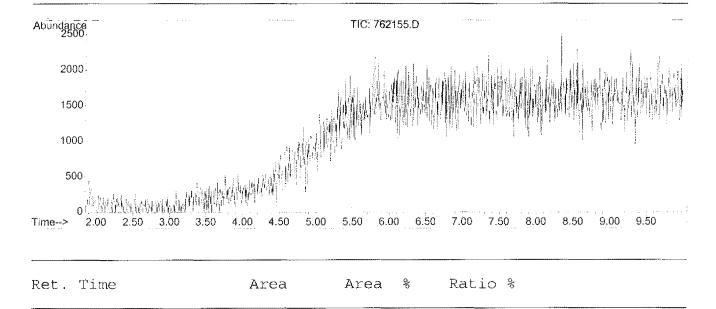
Mon Aug 27 14:13:01 2012

File Name :  $F:\Q4-2010\SYSTEM4\12\_21\_10\762155.D$ 

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 1:44

Sample Name : BLANK Submitted by : ASD Vial Number : 2 AcquisitionMeth: DRUGS Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

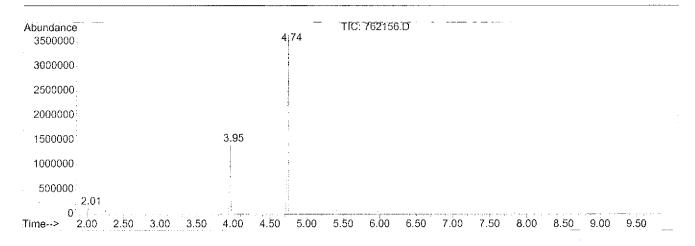
File Name :  $F:\Q4-2010\SYSTEM4\12_21_10\762156.D$ 

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 1:58

Sample Name

Submitted by : ASD
Vial Number : 56
AcquisitionMeth: DRUGS
Integrator : RTE



| Ret. Time | Area    | Area % | Ratio % |  |
|-----------|---------|--------|---------|--|
| 2.012     | 174177  | 3.05   | 4.29    |  |
| 3.953     | 1466935 | 25.72  | 36.11   |  |
| 4.736     | 4062040 | 71.22  | 100.00  |  |

```
Information from Data File:
File Name
                   : F:\Q4-2010\SYSTEM4\12 21 10\762156.D
Operator
                   : ASD/KAC
Date Acquired
                     22 Dec 2010
                                      1:58
Sample Name
Submitted by
                     ASD
Vial Number
                      56
AcquisitionMeth: DRUGS
                   : RTE
Integrator
Search Libraries:
                       C:\DATABASE\SLI.L
                                                             Minimum Quality: 90
                       C:\DATABASE\PMW TOX2.L
                                                             Minimum Quality: 90
                       C:\DATABASE\NIST98.L
  PK#
          RT
                                                                  CAS#
                   Library/ID
                                                                                Qual
                  C:\DATABASE\PMW TOX2.L
          2.01
                   Cocaine-M/artifact -H20
                                                                000000-00-0
                                                                                 96
                   Metipranolol-M/artifact AC
                                                                000000-00-0
                                                                                 38
                   MDA-M (desmethylenyl-methyl-) ME
                                                             @ 000000-00-0
                                                                                 37
                                Average of 1.986 to 2.081 min.: 762156.D (-)
Abundance
                                          152
     80
     60
     40
                                                  181
        42
                    82
                                122
     20.
                                     138
                           106
                68
                                                     191
                                                          207
                               40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280
                               #3574: Cocaine-M/artifact -H2O
                                                        P753
Abundance
     80
     60
     40:
                                                  181
                    82
    20
                                122
                                              166
                        94
                                     138
                           106
                      90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280
                     Mon Aug 27 14:13:10 2012
                                                                 Page
                                                                        2
762156.D
```

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Information from Data File:
File Name
                 : F:\Q4-2010\SYSTEM4\12 21 10\762156.D
                   ASD/KAC
Operator
                    22 Dec 2010
Date Acquired
                                   1:58
Sample Name
Submitted by
                   ASD
Vial Number
                    56
AcquisitionMeth: DRUGS
Integrator
                   RTE
Search Libraries:
                      C:\DATABASE\SLI.L
                                                         Minimum Quality: 90
                      C:\DATABASE\PMW TOX2.L
                                                         Minimum Quality: 90
                      C:\DATABASE\NIST98.L
  PK#
                  Library/ID
                                                             CAS#
                                                                          Qual
         3,95
                 C:\DATABASE\NIST98.L
   2
                                                                           98
                  Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                  Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                           98
                  Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                           97
                             Average of 3.927 to 4.054 min.: 762156.D (-)
Abundance
     80
                                           204
    60
              73
                    101
    40
                        121
    20
                  89
                                     176
       41
                                 158
     Δĺ
      40 \ 50 \ 60 \ 70 \ 80 \ 90 \ 100110120130140150160170180190200210220230240250260270280290300310320330340
                         #84039: Imidazo[2,1-b]thiazole, 2,3,5,6-tetrahydro-6-phenyl-
Abundance
                               148
    80
    60
    40
                    101
                          127
    20
         51 63
                       117
                                158
                                       189
                       137
              762156.D
                    Mon Aug 27 14:13:13 2012
                                                            Page
                                                                   3
```

Information from Data File: File Name : F:\Q4-2010\SYSTEM4\12 21 10\762156.D Operator : ASD/KAC Date Acquired 22 Dec 2010 1:58 Sample Name Submitted by ASD Vial Number 56 AcquisitionMeth: DRUGS Integrator : RTE Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90 C:\DATABASE\PMW TOX2.L Minimum Quality: 90 C:\DATABASE\NIST98.L PK# RT Library/ID CAS# Qual 3 4.74 C:\DATABASE\SLI.L COCAINE 000050-36-2 99 Average of 4.704 to 4.800 min.: 762156.D (-) Abundance 82 182 80 60 40 105 20-303 51 122 135 146 155 166 208 222230 243 253261 281 113 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 m/z-->#29: COCAINE Abundance 82 80 182 60 94 40. 105 42 20-303 198 51 68 135 214222 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 762156.D Mon Aug 27 14:13:13 2012 Page 4

File Name :  $F:\Q4-2010\SYSTEM4\12\_21\_10\762157.D$ 

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 2:11

Sample Name :

Submitted by : ASD Vial Number : 57 AcquisitionMeth: DRUGS Integrator : RTE

| Abundance<br>3000000 |             | 4,73         | TIC: 762157.0  |           |           |           |
|----------------------|-------------|--------------|----------------|-----------|-----------|-----------|
| 2500000              |             | gan dan Arma |                |           |           |           |
| 2000000              |             |              |                |           |           |           |
| 1500000              |             |              |                |           |           |           |
| 1000000-             | 3,95        |              |                |           |           |           |
| 500000               |             |              |                |           |           |           |
| 2.0 <b>2</b> .25     |             |              |                |           |           |           |
| Time> 2.00 2.50 3.00 | 3.50 4.00 4 | 1.50 5.00    | 5.50 6.00 6.50 | 7.00 7.50 | 8.00 8.50 | 9.00 9.50 |

| Area    | Area %                     | Ratio %                                    |  |
|---------|----------------------------|--|--|
| 148994  | 3.31                       | 4.37                                       |  |
| 110544  | 2.45                       | 3.24                                       |  |
| 832856  | 18.49                      | 24.42                                      |  |
| 3410887 | 75.74                      | 100.00                                     |  |
|         | 148994<br>110544<br>832856 | 148994 3.31<br>110544 2.45<br>832856 18.49 | 148994 3.31 4.37<br>110544 2.45 3.24<br>832856 18.49 24.42 |

```
Information from Data File:
File Name
                   : F:\Q4-2010\SYSTEM4\12 21 10\762157.D
                   : ASD/KAC
Operator
                     22 Dec 2010
Date Acquired
                                      2:11
Sample Name
Submitted by
                    ASD
Vial Number
                      57
AcquisitionMeth: DRUGS
                   : RTE
Integrator
                       C:\DATABASE\SLI.L
                                                              Minimum Quality: 90
Search Libraries:
                       C:\DATABASE\PMW TOX2.L
                                                              Minimum Quality: 90
                       C:\DATABASE\NIST98.L
   PK#
          RT
                    Library/ID
                                                                   CAS#
                                                                                Oua1
          2.02
                  C:\DATABASE\PMW TOX2.L
    1
                    Cocaine-M/artifact -H20
                                                                                 97
                                                                000000-00-0
                   Metipranolol-M/artifact AC
                                                                000000-00-0
                                                                                 25
                   MDA-M (desmethylenyl-methyl-) ME
                                                             @ 00000-00-0
                                                                                 23
                                Average of 1.983 to 2.084 min.: 762157.D (-)
Abundance
     80
     60
     40
       42
                                        181
                 82
                          122
     20
                              138
                                     166
                      106
                                                             267 281
                                          191
                                                                              341 355
                80
                     100
                          120
                              140
                                   160
                                        180
                                                           260
                                                                280
                                                                     300
                                                                         320
                                                                              340
m/z-->
                               #3574: Cocaine-M/artifact -H2O
                                                        P753
Abundance
     80
    60
     40
                                        181
    20
                 82
                                    166
                              138
                      106
                80
                              140
                                        180
                                            200
                                                           260 280 300
m/z-->
                     100
                         120
                                   160
                                                 220
                                                      240
                                                                         320
762157.D
                     Mon Aug 27 14:13:18 2012
                                                                        2
                                                                 Page
```

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Information from Data File:
   File Name
                                                                         : F:\Q4-2010\SYSTEM4\12 21 10\762157.D
                                                                          : ASD/KAC
  Operator
                                                                                  22 Dec 2010
  Date Acquired
                                                                                                                                                    2:11
  Sample Name
  Submitted by
                                                                                 ASD
  Vial Number
  AcquisitionMeth: DRUGS
                                                                         : RTE
  Integrator
  Search Libraries:
                                                                                           C:\DATABASE\SLI.L
                                                                                                                                                                                                                                             Minimum Quality: 90
                                                                                           C:\DATABASE\PMW TOX2.L
                                                                                                                                                                                                                                             Minimum Quality: 90
                                                                                           C:\DATABASE\NIST98.L
           PK#
                                       RT
                                                                            Library/ID
                                                                                                                                                                                                                                                                CAS#
                                                                                                                                                                                                                                                                                                                    Qual
                                       2.25
                                                                        C:\DATABASE\PMW_TOX2.L
                                                                             Cocaine-M (methylecgonine)
                                                                                                                                                                                                                                                       007143-09-1
                                                                                                                                                                                                                                                                                                                         93
                                                                             Cocaine-M (methylecgonine) AC
                                                                                                                                                                                                                                                       000000-00-0
                                                                                                                                                                                                                                                                                                                         45
                                                                             Cocaine
                                                                                                                                                                                                                                                       000050-36-2
                                                                                                                                                                                                                                                                                                                        38
                                                                                                                           Average of 2.211 to 2.285 min.: 762157.D (-)
Abundance
                                                                     82
                    80-
                                                                                  96
                    60
                    40
                               42
                                           55
                    20
                                                                                                                          140 155
                                                                                                    122
                                                                                                                                                                                           209
                                                                                                                                                                                                                                 249
                                                                                                                                                                                                                                                                                                           327 342
                            40 \;\; 50 \;\; 60 \;\; 70 \;\; 80 \;\; 90 \;\; 100 \;\; 110 \;\; 120 \;\; 130 \;\; 140 \;\; 150 \;\; 160 \;\; 170 \;\; 180 \;\; 190 \;\; 200 \;\; 210 \;\; 220 \;\; 230 \;\; 240 \;\; 250 \;\; 260 \;\; 270 \;\; 280 \;\; 290 \;\; 300 \;\; 310 \;\; 320 \;\; 330 \;\; 340 \;\; 330 \;\; 340 \;\; 330 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\; 340 \;\;
                                                                                                                        #467: Cocaine-M (methylecgonine)
                                                                                                                                                                                                                        P852
Abundance
                                                                    82
                    80
                                                                                 96
                    60-
                   40
                                                                                                                                                                                  199
                   20
                           40\ 50\ 60\ 70\ 80\ 90\ 100\ 110\ 120\ 130\ 140\ 150\ 160\ 170\ 180\ 190\ 200\ 210\ 220\ 230\ 240\ 250\ 260\ 270\ 280\ 290\ 300\ 310\ 320\ 330\ 340
762157.D
                                                                                   Mon Aug 27 14:13:19 2012
                                                                                                                                                                                                                                                         Page
                                                                                                                                                                                                                                                                                      3
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Folk\_OIG\_PRR\_064659

```
Information from Data File:
File Name
                    : F:\Q4-2010\SYSTEM4\12 21 10\762157.D
Operator
                    : ASD/KAC
Date Acquired
                      <u>22 Dec 2</u>010
                                        2:11
Sample Name
Submitted by
                      ASD
Vial Number
                       57
AcquisitionMeth: DRUGS
                    : RTE
Integrator
Search Libraries:
                        C:\DATABASE\SLI.L
                                                                Minimum Quality: 90
                        C:\DATABASE\PMW TOX2.L
                                                                Minimum Quality: 90
                        C:\DATABASE\NIST98.L
   PK#
          RT
                     Library/ID
                                                                     CAS#
                                                                                   Qual
    3
          3.95
                   C:\DATABASE\NIST98.L
                     Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                    98
                     Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                    98
                     Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                    98
Abundance
                                 Average of 3.924 to 4.067 min.: 762157 D (-)
     80
                                               204
     60
               73
                      101
     40.
                           121
     20
          51
                   89
             63
                                         176
        41
                             131
                                    158
                                           186
                                                                   282
                                                                             326
                 80
                     100
                           120
                               140
                                    160
                                         180
                                              200
                                                   220
                                                        240
                                                             260
                                                                  280
                                                                                 340
Abundance
                            #84039: Imidazo[2,1-b]thiazole, 2,3,5,6-tetrahydro-6-phenyl-
                                 148
     80
     60
     40
               73
                      101
                            127
     20
                   89
          51
             63
                          117
                                    158
                                           189
                               137
m/z-->
                      100
                          120
                               140
                                    160
                                         180
                                              200
                                                   220
                                                        240
                                                             260
                                                                  280
                                                                            320
                                                                                 340
762157.D
                      Mon Aug 27 14:13:19 2012
                                                                   Page
```

Information from Data File: File Name : F:\Q4-2010\SYSTEM4\12\_21\_10\762157.D : ASD/KAC Operator Date Acquired 22 Dec 2010 2:11 Sample Name Submitted by : ASD Vial Number 57 AcquisitionMeth: DRUGS Integrator : RTE Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90 C:\DATABASE\PMW TOX2.L Minimum Quality: 90 C:\DATABASE\NIST98.L PK# RT Library/ID CAS# Qual 4.73 C:\DATABASE\SLI.L 4 COCAINE 000050-36-2 99 Average of 4.702 to 4.808 min.: 762157.D (-) Abundance 82 182 80 60 94 40 105 20:42 303 55 67 198 272 152 166 135 210 222 239 253 284 314 355 405 m/z--> 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 #29: COCAINE Abundance 82 80 182 60 40 20:42 303 55 68 198 108 152 166 244 259 214 80 100 120 140 160 200 220 240 260 280 300 360 380 400 m/z--> 180

Mon Aug 27 14:13:20 2012

762157.D

Page

5

File Name : F:\Q4-2010\SYSTEM4\12\_21\_10\762158.D

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 2:25

Sample Name

Submitted by : ASD Vial Number : 58 AcquisitionMeth: DRUGS Integrator : RTE

| Abundance                   | 4;73             | TIC: 762158.D     |                  |                |
|-----------------------------|------------------|-------------------|------------------|----------------|
| 3000000                     |                  |                   |                  |                |
| 2500000 <sub>1</sub>        |                  |                   |                  |                |
| 2000000                     |                  |                   |                  |                |
| 1500000                     | 3.95             |                   |                  |                |
| 1000000                     |                  |                   |                  |                |
| 500000<br>2,0 <b>1</b> 2.25 | - I              |                   |                  |                |
| 0:                          | <u>.</u>         |                   |                  | 1              |
| Time> 2.00 2.50 3.00        | 3.50 4.00 4.50 5 | .00 5.50 6.00 6.5 | 0 7.00 7.50 8.00 | 8.50 9.00 9.50 |

| Ret. Time | Area    | Area % | Ratio % |  |
|-----------|---------|--------|---------|--|
| 2.010     | 185017  | 3,48   | 5.05    |  |
| 2.248     | 144879  | 2.73   | 3.95    |  |
| 3.951     | 1320097 | 24.84  | 36.03   |  |
| 4.734     | 3663576 | 68.95  | 100.00  |  |

```
Information from Data File:
   File Name
                                                                                      : F:\Q4-2010\SYSTEM4\12 21 10\762158.D
  Operator
                                                                                        : ASD/KAC
  Date Acquired
                                                                                                   22 Dec 2010
                                                                                                                                                                                  2:25
  Sample Name
  Submitted by
                                                                                         : ASD
  Vial Number
                                                                                                        58
  AcquisitionMeth: DRUGS
  Integrator
                                                                                        : RTE
  Search Libraries:
                                                                                                             C:\DATABASE\SLI.L
                                                                                                                                                                                                                                                                                             Minimum Quality: 90
                                                                                                              C:\DATABASE\PMW TOX2.L -
                                                                                                                                                                                                                                                                                             Minimum Quality: 90
                                                                                                             C:\DATABASE\NIST98.L
                                                                                                                                                                                                                                                                                                                    CAS#
             PK#
                                               RT
                                                                                            Library/ID
                                                                                                                                                                                                                                                                                                                                                                                  Qual
                                                                                       C:\DATABASE\PMW_TOX2.L
                                               2.01
                                                                                            Cocaine-M/artifact -H20
                                                                                                                                                                                                                                                                                                        000000-00-0
                                                                                                                                                                                                                                                                                                                                                                                        98
                                                                                            MDA-M (desmethylenyl-methyl-) ME @ 000000-00-0
                                                                                                                                                                                                                                                                                                                                                                                        37
                                                                                            Metipranolol-M/artifact AC
                                                                                                                                                                                                                                                                                                        000000-00-0
                                                                                                                                                                                                                                                                                                                                                                                        23
                                                                                                                                                    Average of 1.984 to 2.079 min.: 762158.D (-)
 Abundance
                        80
                        60
                        40
                                                                                                                                                                                                  181
                       20-
                                                                                                            106
                                                                                                                                                                                                                                                                                                                   281
                                                                                                                                                                                                           191
                                                                                                                                                                                                                               208
                                  40 \quad 50 \quad 60 \quad 70 \quad 80 \quad 90 \quad 100 \quad 110 \quad 120 \quad 130 \quad 140 \quad 160 \quad 160 \quad 170 \quad 180 \quad 190 \quad 200 \quad 210 \quad 220 \quad 230 \quad 240 \quad 250 \quad 260 \quad 270 \quad 280 \quad 290 \quad 300 \quad 310 \quad 320 \quad 330 \quad 340 \quad 320 
                                                                                                                                                 #3574: Cocaine-M/artifact -H2O
                                                                                                                                                                                                                                                                  P753
Abundance
                       80
                       60
                       40
                                                                                                                                                                                                181
                       20
                                                                                                                                                                                166
                                                                                                                                                138
                                40\ 50\ 60\ 70\ 80\ 90\ 100\ 110\ 120\ 130\ 140\ 150\ 160\ 170\ 180\ 190\ 200\ 210\ 220\ 230\ 240\ 250\ 260\ 270\ 280\ 290\ 300\ 310\ 320\ 330\ 340
                                                                                                    Mon Aug 27 14:13:25 2012
762158.D
                                                                                                                                                                                                                                                                                                            Page
                                                                                                                                                                                                                                                                                                                                             2
```

Information from Data File: File Name : F:\Q4-2010\SYSTEM4\12 21 10\762158.D Operator : ASD/KAC Date Acquired :: 22 Dec 2010 2:25 Sample Name Submitted by ASD Vial Number 58 AcquisitionMeth: DRUGS Integrator : RTE Minimum Quality: 90 Search Libraries: C:\DATABASE\SLI.L C:\DATABASE\PMW TOX2.L Minimum Quality: 90 C:\DATABASE\NIST98.L CAS# Qual PK# RT Library/ID 2 2.25 C:\DATABASE\NIST98.L Methylecgonine 007143-09-1 96 007143-09-1 96 Methylecgonine 95 Ecgonine methyl ester 106293-60-1 Average of 2.206 to 2.280 min.: 762158.D (-) Abundance 82 80 96 60 40 42 20 68 112 140 155 124 281 327 340 371 251 60 80 100 200 220 240 260 280 300 320 340 360 120 140 180  $m/z \rightarrow$ 160 #32602: Methylecgonine Abundance 82 80 96 60 40 20 55 140 155 340 360 200 220 260 280 300 320 60 80 100 120 140 160 180 240

Mon Aug 27 14:13:26 2012

762158.D

Page

3

Information from Data File: File Name : F:\Q4-2010\SYSTEM4\12 21 10\762158.D : ASD/KAC Operator . 22 Dec 2010 2:25 Date Acquired Sample Name Submitted by ASD Vial Number 58 AcquisitionMeth: DRUGS Integrator RTE Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90 Minimum Quality: 90 C:\DATABASE\PMW TOX2.L C:\DATABASE\NIST98.L PK# RT CAS# Library/ID Qual 3 C:\DATABASE\NIST98.L 3.95 Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6 98 Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6 98 Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6 98 Average of 3.925 to 4.036 min.: 762158.D (-) Abundance 80 204 60 73 101 40 121 20 89 63 111 131 157  $50\ 60\ 70\ 80\ 90\ 100\ 10\ 120\ 130\ 140\ 150\ 160\ 170\ 180\ 190\ 200\ 210\ 220\ 230\ 240\ 250\ 260\ 270\ 280\ 290\ 300\ 310\ 320\ 330\ 340$ #84039: Imidazo[2,1-b]thiazole, 2,3,5,6-tetrahydro-6-phenyl-Abundance 148 80 60 40 73 101 127 20. 63 158 189  $40 \ 50 \ 60 \ 70 \ 80 \ 90 \ 100 \ 100 \ 120 \ 130 \ 140 \ 150 \ 160 \ 170 \ 180 \ 190 \ 200 \ 210 \ 220 \ 230 \ 240 \ 250 \ 260 \ 270 \ 280 \ 290 \ 300 \ 310 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320$ m/z-->

762158.D

Mon Aug 27 14:13:27 2012

File Name :  $F: Q4-2010 \SYSTEM4 \ 12 \ 21 \ 10 \ 762158.D$ 

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 2:25

Sample Name :

Submitted by : ASD
Vial Number : 58
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90

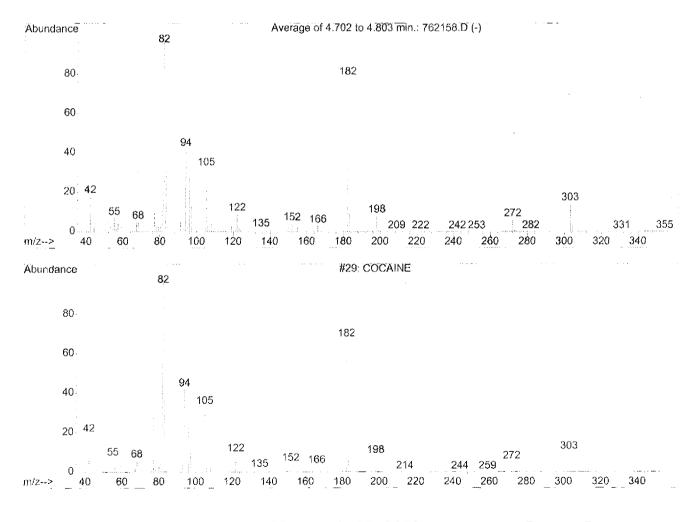
C:\DATABASE\PMW TOX2.L Minimum Quality: 90

C:\DATABASE\NIST98.L

PK# RT Library/ID CAS# Qual

4 4.73 C:\DATABASE\SLI.L

COCAINE 000050-36-2 99



762158.D

Mon Aug 27 14:13:27 2012

File Name : F:\Q4-2010\SYSTEM4\12\_21\_10\762159.D

: ASD/KAC Operator

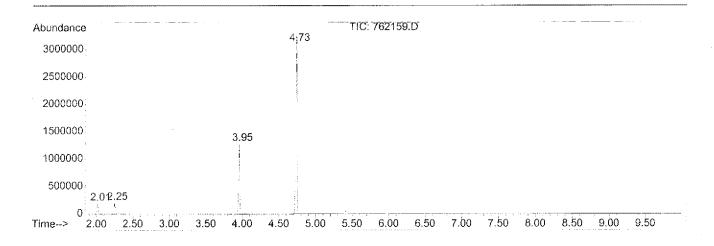
Date Acquired 22 Dec 2010 2:38

Sample Name Submitted by

Vial Number

Integrator

ASD 59 AcquisitionMeth: DRUGS : RTE



| Ret. Time | Area    | Area % | Ratio % |  |
|-----------|---------|--------|---------|--|
| 2.013     | 249154  | 4.73   | 7.22    |  |
| 2.246     | 198779  | 3.78   | 5.76    |  |
| 3.954     | 1363827 | 25.91  | 39.51   |  |
| 4.732     | 3451880 | 65.58  | 100.00  |  |
|           |         |        |         |  |

```
Information from Data File:
File Name
                   : F:\Q4-2010\SYSTEM4\12 21 10\762159.D
                   : ASD/KAC
Operator
                     22 Dec 2010
Date Acquired
                                       2:38
Sample Name
Submitted by
                     ASD
Vial Number
AcquisitionMeth: DRUGS
Integrator
                     RTE
Search Libraries:
                        C:\DATABASE\SLI.L
                                                              Minimum Quality: 90
                        C:\DATABASE\PMW TOX2.L
                                                              Minimum Quality: 90
                        C:\DATABASE\NIST98.L
  PK#
          RT
                    Library/ID
                                                                   CAS#
                                                                                 Qual
          2.01
                   C:\DATABASE\PMW TOX2.L
    1
                    Cocaine-M/artifact -H20
                                                                 000000-00-0
                                                                                  97
                    MDA-M (desmethylenyl-methyl-) ME
                                                              @ 000000-00-0
                                                                                  37
                    Metipranolol-M/artifact AC
                                                                 000000-00-0
                                                                                  23
                                Average of 1.987 to 2.082 min.: 762159.D (-)
Abundance
     80
     60
     40
                                         181
                 82
     20
                           122
                                     166
                       106
                                           191
                                                                               341 355
                                                                281
                                                         249
                                                             267
                                                                      300
m/z-->
            60
                80
                     100
                          120
                                        180
                                                       240
                                                            260
                                                                 280
                                                                          320
                                                                               340
                                #3574: Cocaine-M/artifact -H2O
                                                        P753
Abundance
                                  152
     80
     60
     40
                                         181
                 82
     20
                          122
                                     166
                              138
                    94
                      106
     0
                                                                280
                                                                     300
                                                                          320
                                                                               340
m/z-->
                80
                     100
                          120
                               140
                                    160
                                        180
                                             200
                                                  220
762159.D
                      Mon Aug 27 14:13:32 2012
                                                                  Page
                                                                         2
```

```
Information from Data File:
   File Name
                                                                                                 : F:\Q4-2010\SYSTEM4\12 21 10\762159.D
   Operator
                                                                                                  : ASD/KAC
                                                                                                             22 Dec 2010
   Date Acquired
                                                                                                                                                                                                    2:38
   Sample Name
   Submitted by
   Vial Number
                                                                                                                   59
   AcquisitionMeth: DRUGS
   Integrator
   Search Libraries:
                                                                                                                        C:\DATABASE\SLI.L
                                                                                                                                                                                                                                                                                                                        Minimum Quality: 90
                                                                                                                        C:\DATABASE\PMW TOX2.L
                                                                                                                                                                                                                                                                                                                        Minimum Quality: 90
                                                                                                                        C:\DATABASE\NIST98.L
               PK#
                                                    RT
                                                                                                     Library/ID
                                                                                                                                                                                                                                                                                                                                                  CAS#
                                                                                                                                                                                                                                                                                                                                                                                                                     Qual
                                                    2.25
                                                                                               C:\DATABASE\PMW TOX2.L
                                                                                                     Cocaine-M (methylecgonine)
                                                                                                                                                                                                                                                                                                                                    007143-09-1
                                                                                                                                                                                                                                                                                                                                                                                                                           96
                                                                                                    Cocaine
                                                                                                                                                                                                                                                                                                                                     000050-36-2
                                                                                                                                                                                                                                                                                                                                                                                                                           38
                                                                                                    Tilidine-M (nor-)
                                                                                                                                                                                                                                                                                                                                     038677-94-0
                                                                                                                                                                                                                                                                                                                                                                                                                                 9
 Abundance
                                                                                                                                                                Average of 2.214 to 2.283 min.: 762159.D (-)
                                                                                          82
                          80
                                                                                                            96
                          60
                          40
                                        42
                                                        55
                          20
                                                                                                                            112
122
                                                                         68
                                                                                                                                                                140 152
                                                                                                                                                                                                                                                       209
                                                                                                                                                                                                                                                                                                                                                  281
                                     40 \quad 50 \quad 60 \quad 70 \quad 80 \quad 90 \quad 100 \quad 110 \quad 120 \quad 130 \quad 140 \quad 150 \quad 160 \quad 170 \quad 180 \quad 190 \quad 200 \quad 210 \quad 220 \quad 230 \quad 240 \quad 250 \quad 260 \quad 270 \quad 280 \quad 290 \quad 300 \quad 310 \quad 320 \quad 330 \quad 340 \quad 320 \quad 330 \quad 340 \quad 320 \quad 330 \quad 340 
                                                                                                                                                             #467: Cocaine-M (methylecgonine)
                                                                                                                                                                                                                                                                                             P852
Abundance
                                                                                         82
                          80
                                                                                                           96
                         60
                         40
                                                                                                                                                                                                                                          199
                         20
                                                                                                                            112
                                    40\ 50\ 60\ 70\ 80\ 90\ 100\ 110\ 120\ 130\ 140\ 150\ 160\ 170\ 180\ 190\ 200\ 210\ 220\ 230\ 240\ 250\ 260\ 270\ 280\ 290\ 300\ 310\ 320\ 330\ 340
m/z-->
```

Mon Aug 27 14:13:32 2012

762159.D

Folk\_OIG\_PRR\_064669

3

```
Information from Data File:
                                                                                                   : F:\Q4-2010\SYSTEM4\12_21_10\762159.D
     File Name
                                                                                                           ASD/KAC
     Operator
    Date Acquired
                                                                                                               22 Dec 2010
                                                                                                                                                                                                     2:38
     Sample Name
    Submitted by
                                                                                                             ASD
    Vial Number
   AcquisitionMeth: DRUGS
    Integrator
                                                                                                             RTE
   Search Libraries:
                                                                                                                         C:\DATABASE\SLI.L
                                                                                                                                                                                                                                                                                                                          Minimum Quality: 90
                                                                                                                         C:\DATABASE\PMW TOX2.L
                                                                                                                                                                                                                                                                                                                          Minimum Quality: 90
                                                                                                                         C:\DATABASE\NIST98.L
               PK#
                                                    RT
                                                                                                      Library/ID
                                                                                                                                                                                                                                                                                                                                                   CAS#
                                                                                                                                                                                                                                                                                                                                                                                                                        Qual
                     3
                                                     3.95
                                                                                                C:\DATABASE\NIST98.L
                                                                                                       Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                                                                                                                                                                                                                                                                                                                                                               98
                                                                                                      Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                                                                                                                                                                                                                                                                                                                                                              97
                                                                                                      Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                                                                                                                                                                                                                                                                                                                                                              97
 Abundance
                                                                                                                                                                    Average of 3.928 to 4.049 min.: 762159.D (-)
                           80
                                                                                                                                                                                                                                                  204
                          60
                                                                                73
                                                                                                                 101
                          40
                                                                                                                                          121
                          20
                                                                                                   89
                                                                   63
                                                                                                                                                                                                               176
                                                                                                                                                     131
                                                                                                                                                                                        159
                                                                                                                            111
                                                                                                                                                                                                                           187
                                                                                                                                                                                                                                                                                                         249 265 281
                                                 50 \ 60 \ 70 \ 80 \ 90 \ 100 \ 110 \ 120 \ 130 \ 140 \ 150 \ 160 \ 170 \ 180 \ 190 \ 200 \ 210 \ 220 \ 230 \ 240 \ 250 \ 260 \ 270 \ 280 \ 290 \ 300 \ 310 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320
                                                                                                                                          #84039: Imidazo[2,1-b]thiazole, 2,3,5,6-letrahydro-6-phenyl-
Abundance
                                                                                                                                                                          148
                          80
                         60
                         40
                                                                             73
                                                                                                               101
                                                                                                                                               127
                        20
                                                               63
                                                                                                                                                                                      158
                                    40 \quad 50 \quad 60 \quad 70 \quad 80 \quad 90 \quad 100 \ 110 \ 120 \ 130 \ 140 \ 150 \ 160 \ 170 \ 180 \ 190 \ 200 \ 210 \ 220 \ 230 \ 240 \ 250 \ 260 \ 270 \ 280 \ 290 \ 300 \ 310 \ 320 \ 330 \ 340 \ 320 \ 330 \ 340 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 \ 320 
762159.D
                                                                                                              Mon Aug 27 14:13:33 2012
                                                                                                                                                                                                                                                                                                                                         Page
```

File Name :  $F:\Q4-2010\SYSTEM4\12\ 21\ 10\762159.D$ 

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 2:38

Sample Ñame

Submitted by : ASD
Vial Number : 59
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

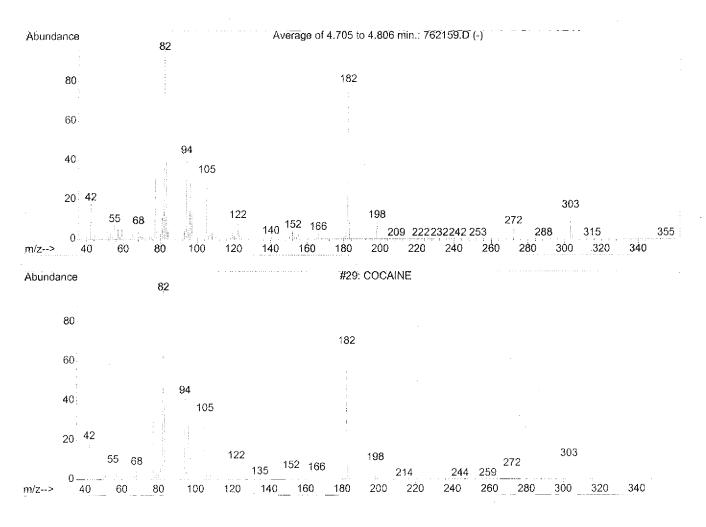
Minimum Quality: 90

C:\DATABASE\PMW\_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

| PK# | RT   | Library/ID                   | CAS#        | Qual |
|-----|------|------------------------------|-------------|------|
| 4   | 4.73 | C:\DATABASE\SLI.L<br>COCAINE | 000050-36-2 | 99   |



762159.D

Mon Aug 27 14:13:34 2012

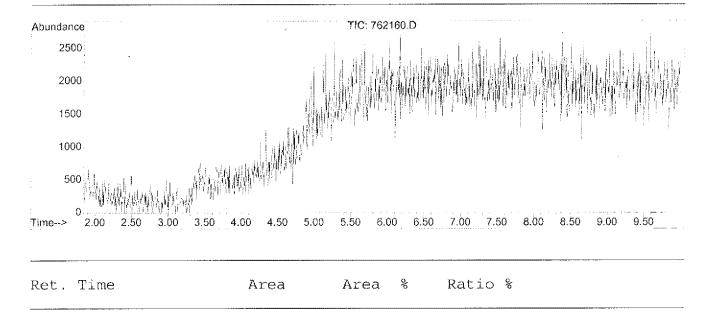
Page 5

File Name :  $F:\Q4-2010\SYSTEM4\12\_21\_10\762160.D$ 

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 2:52

Sample Name : BLANK Submitted by : ASD Vial Number : 2 AcquisitionMeth: DRUGS Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

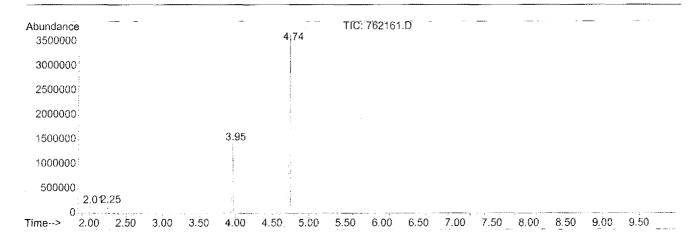
File Name :  $F:\Q4-2010\SYSTEM4\12_21_10\762161.D$ 

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 3:06

Sample Name :

Submitted by : ASD
Vial Number : 61
AcquisitionMeth: DRUGS
Integrator : RTE



| Ret. Time | Area    | Area % | Ratio % |  |
|-----------|---------|--------|---------|--|
| 2.013     | 199308  | 3.45   | 5.05    |  |
| 2.251     | 145154  | 2.51   | 3.68    |  |
| 3.954     | 1492080 | 25.79  | 37.79   |  |
| 4.737     | 3947908 | 68.25  | 100.00  |  |
|           |         |        |         |  |

```
Information from Data File:
 File Name
                   : F:\Q4-2010\SYSTEM4\12 21 10\762161.D
 Operator
                   : ASD/KAC
                     22 Dec 2010
 Date Acquired
                                      3:06
 Sample Name
 Submitted by
                     ASD
Vial Number
AcquisitionMeth: DRUGS
 Integrator
                   : RTE
Search Libraries:
                       C:\DATABASE\SLI.L
                                                             Minimum Quality: 90
                       C:\DATABASE\PMW TOX2.L
                                                             Minimum Quality: 90
                       C:\DATABASE\NIST98.L
   PK#
          RT
                   Library/ID
                                                                  CAS#
                                                                               Qual
          2.01
                  C:\DATABASE\PMW TOX2.L
                   Cocaine-M/artifact -H20
                                                               000000-00-0
                                                                                96
                   Metipranolol-M/artifact AC
                                                               000000-00-0
                                                                                38
                   MDA-M (desmethylenyl-methyl-) ME @ 000000-00-0
                                                                                  9
                                Average of 1.987 to 2.087 min.: 762161.D (-)
Abundance
     80
     60
     40.
                                                  181
        42
                    82
                                122
     20.
                        94
                                     138
                                             166
                           106
                                                  191
            74
                                                         207
          50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280
                               #3574: Cocaine-Martifact -H2O
                                                       P753
Abundance
                                         152
    80
    60
    40.
                                                  181
    20
                                122
                                             166
                                     138
                           106
          50 60 70 80
                      90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280
```

Mon Aug 27 14:13:43 2012

762161.D

Information from Data File: : F:\Q4-2010\SYSTEM4\12 21 10\762161.D File Name Operator : ASD/KAC 22 Dec 2010 3:06 Date Acquired Sample Name Submitted by ASD Vial Number 61 AcquisitionMeth: DRUGS Integrator : RTE C:\DATABASE\SLI.L Minimum Quality: 90 Search Libraries: Minimum Quality: 90 C:\DATABASE\PMW TOX2.L C:\DATABASE\NIST98.L CAS# PK# RTLibrary/ID Qual 2 2.25 C:\DATABASE\PMW TOX2.L Cocaine-M (methylecgonine) Cocaine-M (methylecgonine) AC 007143-09-1 92 000000-00-0 40 00000-00-0 Selegiline-M (nor-HO-) 2AC Average of 2.214 to 2.283 min.: 762161.D (-) Abundance 82 80 96 60 40 42 55 20 140 155 124 281 280 300 100 120 160 180 200 220 240 260 320 340 360 380 400 #467: Cocaine-M (methylecgonine) P852 Äbundance 82 80 96 60. 40 199 20 112 182 140 160 180 200 220 240 260 280 300 320 340 360 100 120 762161.D Mon Aug 27 14:13:44 2012 Page 3

Information from Data File: File Name : F:\Q4-2010\SYSTEM4\12 21 10\762161.D Operator ASD/KAC Date Acquired 22 Dec 2010 3:06 Sample Name Submitted by ASD Vial Number 61 AcquisitionMeth: DRUGS Integrator RTE Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90 C:\DATABASE\PMW TOX2.L Minimum Quality: 90 C:\DATABASE\NIST98.L PK# RTLibrary/ID CAS# Qual 3 3,95 C:\DATABASE\NIST98.L Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6 98 Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6 98 Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6 97 Average of 3.928 to 4.081 min.: 762161.D (-) Abundance 80 204 60 73 101 40 121 20 176 131 111 267 281 340 355 0 280 160 180 300 80 120 140 200 220 240 260 320 340 m/z--> 100 #84039; fmidazo[2,1-b]thiazole, 2,3,5,6-tetrahydro-6-phenyl-204 Abundance 148 80 60 40 73 101 127 20 89 63 189 137 158 200 320 340 80 100 120 140 160 180 762161.D Mon Aug 27 14:13:45 2012 Page

File Name : F:\Q4-2010\SYSTEM4\12 21 10\762161.D

Operator : ASD/KAC

Date Acquired 22 Dec 2010 3:06

Sample Name

Submitted by ASD Vial Number 61 AcquisitionMeth: DRUGS : RTE Integrator

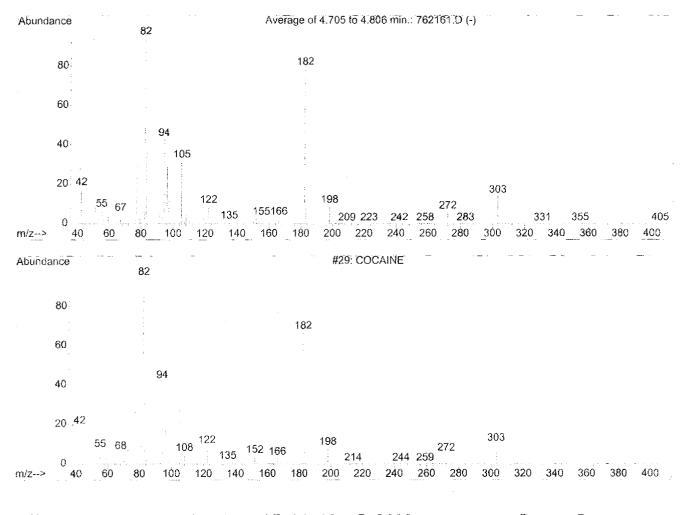
Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90

C:\DATABASE\PMW TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

| PK# | RT   | Library/ID                   | CAS#        | Qual |
|-----|------|------------------------------|-------------|------|
| 4   | 4.74 | C:\DATABASE\SLI.L<br>COCAINE | 000050-36-2 | 99   |



762161.D

Mon Aug 27 14:13:45 2012

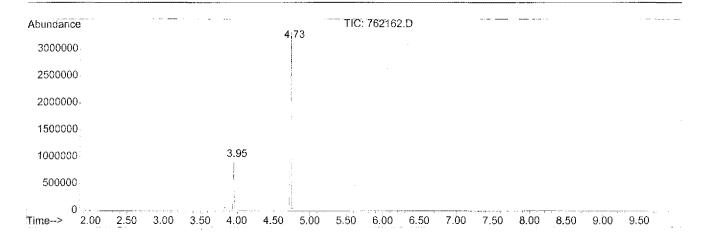
File Name :  $F:\Q4-2010\SYSTEM4\12\_21\_10\762162.D$ 

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 3:20

Sample Name :

Submitted by : ASD
Vial Number : 62
AcquisitionMeth: DRUGS
Integrator : RTE



| Ret. Time      | Area           | Area %         | Ratio % |  |
|----------------|----------------|----------------|---------|--|
| 3.951<br>4.734 | <del>-</del> · | 21.12<br>78.88 |         |  |

```
Information from Data File:
 File Name
                    : F:\Q4-2010\SYSTEM4\12_21_10\762162.D
Operator
                      ASD/KAC
Date Acquired
                      22 Dec 2010
                                        3:20
 Sample Name
 Submitted by
                      ASD
Vial Number
                       62
AcquisitionMeth: DRUGS
Integrator
                    : RTE
Search Libraries:
                        C:\DATABASE\SLI.L
                                                               Minimum Quality: 90
                        C:\DATABASE\PMW TOX2.L
                                                               Minimum Quality: 90
                        C:\DATABASE\NIST98.L
   PK#
          RT
                    Library/ID
                                                                    CAS#
                                                                                  Qual
          3.95
                   C:\DATABASE\NIST98.L
                    Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                    98
                    Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                    98
                    Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                    97
                                 Average of 3.925 to 4.031 min.: 762162.D (-)
Abundance
     80
                                               204
     60
               73
                      101
     40
                           121
     20
                   89
          51
             63
                             131
                        .111
                                                   221
                                                                  281
                                    158
                                                                                    355
                     100
                          120
                                    160
                                                   220
                                                                  280
                                                                           320
            60
                 80
                               140
                                         180
                                              200
                                                        240
                                                            260
                                                                      300
                            #84039: (midazo[2,1-b)]hiazole, 2,3,5,6-tetrahydro-6-phenyl-
204
Abundance
                                 148
     80
     60
     40
               73
                      101
                            127
     20
                   89
          51
            63
                              137
                                   158
                                           189
            60
                 80
                     100
                          120
                               140
                                    160
                                         180
                                             200
                                                       240
                                                            260
                                                                 280
                                                                      300
                                                                           320
                                                                                340
762162.D
                                                                          2
                      Mon Aug 27 14:13:50 2012
                                                                  Page
```

File Name :  $F:\Q4-2010\SYSTEM4\12\ 21\ 10\762162.D$ 

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 3:20

Sample Name :

Submitted by : ASD Vial Number : 62 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90

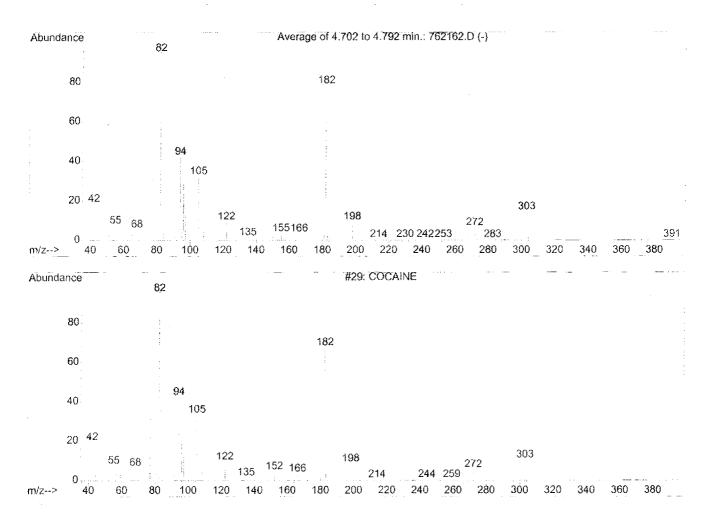
C:\DATABASE\PMW TOX2.L Minimum Quality: 90

C:\DATABASE\NIST98.L

PK# RT Library/ID CAS# Qual

2 4.73 C:\DATABASE\SLI.L

COCAINE 000050-36-2 99



762162.D

Mon Aug 27 14:13:51 2012

File Name :  $F:\Q4-2010\SYSTEM4\12\_21\_10\762163.D$  Operator : ASD/KAC

Date Acquired : 22 Dec 2010 3:34

Sample Name :

Submitted by : ASD Vial Number : 63 AcquisitionMeth: DRUGS Integrator : RTE

| Abundance<br>2500000 |                |                                       | 4 <sub> </sub> 73 | TIC: 762163.D | ,         |           |           |      |
|----------------------|----------------|---------------------------------------|-------------------|---------------|-----------|-----------|-----------|------|
| 2000000              |                |                                       |                   |               |           |           |           |      |
| 1500000              |                |                                       | 1                 |               |           |           |           |      |
| 1000000-             |                | 3.95                                  |                   |               |           |           |           |      |
| 500000               |                |                                       |                   |               |           |           |           |      |
| 0                    | 0. <b>2.24</b> | e e e e e e e e e e e e e e e e e e e |                   |               |           |           |           |      |
| Time> 2.0            | 0 2.50 3.0     | 0 3.50 4.00                           | 4.50 5.00         | 5.50 6.00 (   | 6.50 7.00 | 7.50 8.00 | 8.50 9.00 | 9.50 |

| Ret. Time | Area    | Area % | Ratio % |  |
|-----------|---------|--------|---------|--|
| 2.006     | 110119  | 2.99   | 4.21    |  |
| 2.244     | 114903  | 3.12   | 4.40    |  |
| 3.947     | 850265  | 23.05  | 32.54   |  |
| 4.730     | 2613184 | 70.85  | 100.00  |  |
|           |         |        |         |  |

```
Information from Data File:
File Name
                    : F:\Q4-2010\SYSTEM4\12 21 10\762163.D
Operator
                    : ASD/KAC
                      22 Dec 2010
Date Acquired
                                        3:34
Sample Name
Submitted by
                      ASD
Vial Number
AcquisitionMeth: DRUGS
                    : RTE
Integrator
Search Libraries:
                        C:\DATABASE\SLI.L
                                                               Minimum Quality: 90
                        C:\DATABASE\PMW TOX2.L
                                                               Minimum Quality: 90
                        C:\DATABASE\NIST98.L
                                                                     CAS#
   PK#
          RT
                    Library/ID
                                                                                   Qual
          2.01
                   C:\DATABASE\PMW TOX2.L
                    Cocaine-M/artifact -H20
                                                                  000000-00-0
                                                                                    97
                                                                  002801-68-5
                                                                                    32
                    MDA-M (desmethylenyl-methyl-) ME
                                                               @ 000000-00-0
                                                                                    28
                                 Average of 1.985 to 2.070 min.: 762163.D (-)
Abundance
     80
     60-
     40.
                                         181
        42
                 82
     20
                           122
                               138
                                      166
                       106
              68
                                               207
                                            191
                                                               269 281
                                                                                 341 355
      0
m/z-->
                 80
                      100
                          120
                               140
                                    160
                                         180
                                              200
                                                        240
                                                             260
                                                                  280
                                                                       300
                                                                            320
                                #3574: Cocaine-M/artifact -H2O
                                                         P753
Abundance
                                  152
     80
     60
     40
                                         181
                 82
     20
                           122
                                     166
                              138
                       106
m/z-->
            60
                 80
                          120
                                    160
                                         180
                                              200
                                                   220
                                                             260
                                                                 280
                                                                      300
                                                                           320
                                                                                340
                     100
                               140
762163.D
                      Mon Aug 27 14:14:14 2012
                                                                   Page
                                                                          2
```

Information from Data File: File Name : F:\Q4-2010\SYSTEM4\12 21 10\762163.D Operator : ASD/KAC Date Acquired : 22 Dec 2010 3:34 Sample Name Submitted by : ASD Vial Number 63 AcquisitionMeth: DRUGS Integrator : RTE Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90 C:\DATABASE\PMW TOX2.L Minimum Quality: 90 C:\DATABASE\NIST98.L PK# RT Library/ID CAS# Qual 2 2.24 C:\DATABASE\PMW TOX2.L Cocaine-M (methylecgonine) 007143-09-1 95 000050-36-2 Cocaine 38 Cocaine-M (methylecgonine) AC 000000-00-0 38 Average of 2.228 to 2.281 min.: 762163.D (-) Abundance 82 80 96 60 40 42 20 55 112 68 199 207 281 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 m/z--> 50 60 70 80 P852 #467: Cocaine-M (methylecgonine) Abundance 82 80: 96 60 40 199 20 112 182 155 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 60 70

Mon Aug 27 14:14:15 2012

762163.D

Page

3

```
Information from Data File:
   File Name
                                                                                          : F:\Q4-2010\SYSTEM4\12 21 10\762163.D
   Operator
                                                                                          : ASD/KAC
                                                                                                    22 Dec 2010
   Date Acquired
                                                                                                                                                                                    3:34
   Sample Name
   Submitted by
                                                                                                    ASD
   Vial Number
                                                                                                           63
   AcquisitionMeth: DRUGS
   Integrator
                                                                                          : RTE
   Search Libraries:
                                                                                                               C:\DATABASE\SLI.L
                                                                                                                                                                                                                                                                                                Minimum Quality: 90
                                                                                                               C:\DATABASE\PMW TOX2.L
                                                                                                                                                                                                                                                                                               Minimum Quality: 90
                                                                                                               C:\DATABASE\NIST98.L
              PK#
                                                RT
                                                                                             Library/ID
                                                                                                                                                                                                                                                                                                                      CAS#
                                                                                                                                                                                                                                                                                                                                                                                      Qual
                   3
                                                3.95
                                                                                        C:\DATABASE\NIST98.L
                                                                                             Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                                                                                                                                                                                                                                                                                                                           98
                                                                                             Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                                                                                                                                                                                                                                                                                                                           98
                                                                                             Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
                                                                                                                                                                                                                                                                                                                                                                                           98
                                                                                                                                                      Average of 3.926 to 4.048 min.: 762163.D (-)
 Abundance
                        80-
                                                                                                                                                                                                                                     204
                        60
                                                                           73
                                                                                                           101
                        40
                                                                                                                                  121
                        20
                                                                                                                                            131
                                                                                                                                                                       157
                                                                                                                     111
                                                                                                                                                                                                                                                                                              253
                                                                                                                                                                                                                                                                                                                                281
                                             50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330
Abundance
                                                                                                                              #84039: Imidazo[2,1-b]Ihiazole, 2,3,5,6-tetrahydro-6-phenyl-
                                                                                                                                                                 148
                       80
                       60
                       40
                                                                                                         101
                                                                                                                                       127
                       20
                                                                                                                                                                     157 167
                                                                                                                                                 136
                                  40 \quad 50 \quad 60 \quad 70 \quad 80 \quad 90 \quad 100 \quad 110 \quad 120 \quad 130 \quad 140 \quad 150 \quad 160 \quad 170 \quad 180 \quad 190 \quad 200 \quad 210 \quad 220 \quad 230 \quad 240 \quad 250 \quad 260 \quad 270 \quad 280 \quad 290 \quad 300 \quad 310 \quad 320 \quad 330 \quad 320 \quad 320
```

Mon Aug 27 14:14:16 2012

762163.D

Folk\_OIG\_PRR\_064684

File Name : F:\Q4-2010\SYSTEM4\12 21 10\762163.D

: ASD/KAC Operator

Date Acquired 22 Dec 2010 3:34

Sample Name

Submitted by ASD Vial Number 63 AcquisitionMeth: DRUGS Integrator : RTE

C:\DATABASE\SLI.L Search Libraries:

Minimum Quality: 90

C:\DATABASE\PMW TOX2.L

Minimum Quality: 90

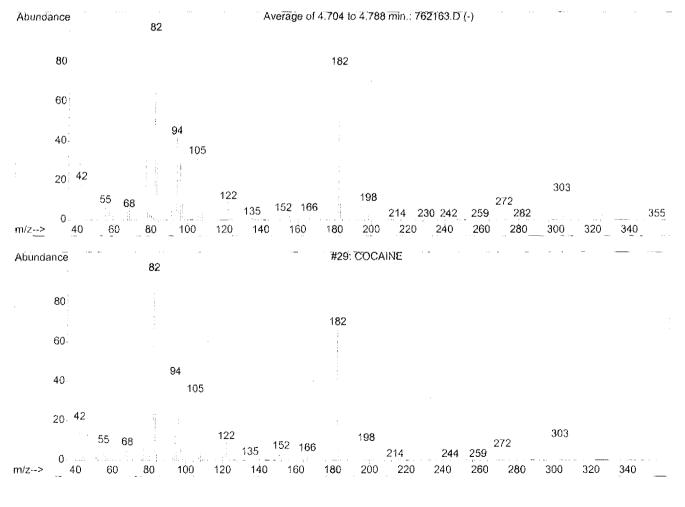
C:\DATABASE\NIST98.L

PK# RTLibrary/ID CAS# Qual

C:\DATABASE\SLI.L 4 4.73 COCAINE

000050-36-2

99



762163.D

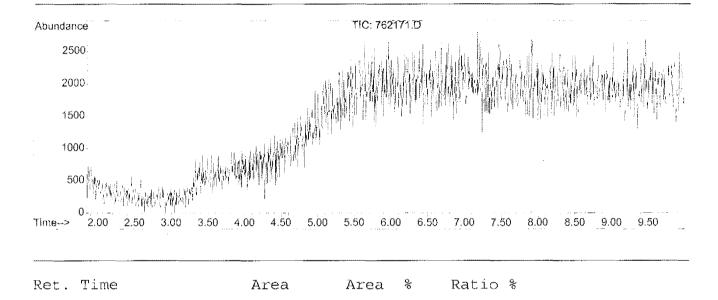
Mon Aug 27 14:14:16 2012

File Name : F:\Q4-2010\SYSTEM4\12\_21\_10\762171.D

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 5:23

Sample Name : BLANK Submitted by : ASD Vial Number : 2 AcquisitionMeth: DRUGS Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

762171.D

Mon Aug 27 14:14:31 2012

File Name :  $F:\Q4-2010\SYSTEM4\12\_21\_10\762172.D$ Operator · ASD/KAC

Operator : ASD/KAC

Date Acquired : 22 Dec 2010 5:36

Sample Name : COCAINE STD

Submitted by : ASD Vial Number : 54 AcquisitionMeth: DRUGS Integrator : RTE

| Abundance            |                     | TIC: 762172 | 2.D              |                     |
|----------------------|---------------------|-------------|------------------|---------------------|
| 1500000              |                     |             |                  |                     |
| 1000000              |                     |             |                  |                     |
| 500000               |                     |             |                  |                     |
| Time> 2.00 2.50 3.00 | 3.50 4.00 4.50 5.00 | 5.50 6.00   | 6.50 7.00 7.50 8 | 3.00 8.50 9.00 9.50 |
| Ret. Time            | Area                | Area %      | Ratio %          |                     |
| 4.725                | 1840215             | 100.00      | 100.00           |                     |

Information from Data File: File Name : F:\Q4-2010\SYSTEM4\12 21 10\762172.D Operator : ASD/KAC Date Acquired : 22 Dec 2010 5:36 Sample Name : COCAINE STD Submitted by : ASD Vial Number AcquisitionMeth: DRUGS Integrator C:\DATABASE\SLI.L Minimum Quality: 90 Search Libraries: Minimum Quality: 90 C:\DATABASE\PMW TOX2.L C:\DATABASE\NIST98.L CAS# PK# RTLibrary/ID Qual 1 4.72 C:\DATABASE\SLI.L COCAINE 000050-36-2 99 Abundance Average of 4.704 to 4.794 min.: 762172.D (-) 82 80 182 60 40. 20:42 303 108 152 166 214 230242 259 431 358 m/z--> 120 140 160 180 200 220 240 260 280 300 320 340 360 #29: COCAINE Abundance 82 80 182 60 94 40 20:42 303 55 68 152 166 135 244 259 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420

762172.D

Mon Aug 27 14:14:35 2012